Index of Claims

Applic	ation/0	ontro	I No.
, ,ppv	4110111		

10/500,469

Examiner

Examiner

Gregory R. Del Cotto

Applicant(s)/Patent under Reexamination

AIHARA ET AL.

Art Unit

1751

	1	Rejected
ĺ		Allowed

_	(Through numeral) Cancelled
	Postricted

	Z	Non-Elected
į	ı	Interference

Α	Appeal	
0	Objected	

E 19	Cla	aim	Г			C	ate					Cla	im			- 1	Date			Ì	С	laim					Date	e		_	
a b b c			ÌĐ												\top	T														ı	
1	<u>ख</u>	ina										اعز	ij				ll				<u>ब</u>	ië									
1	≟	rig				ł			ĺ			定	Ži		-			1			iĒ	Ĕ									
1 V 51 101 102 102 102 103 103 103 103 103 104 104 104 105 105 66 106 70 105 66 106 107 107 107 107 107 108 108 108 108 109		O	ÞS,			ı												_ _				\perp							Ш		
3			V																										Ш		
4		2	V,																				L	Ш			\Box		Ш		
55 V		3	V.							- 22							Ш			_ !!!!	<u> </u>		L	Ш			Ш		Ш	_	
66		4	V																	_ !!!!	L		L						Ш	\Box	Ш
107		5	V													1	Ш			_			_					Ш	Щ		
S		6															Ш			_									Ш	\Box	
9 V		7	_								_					_				_ ::::			_							ᆜ	Ш
10			Ľ		\perp									Ш		_				_ !!!!											
11 12 61 62 111 112 133 113 113 113 113 113 113 113 113 113 113 114 115 66 66 116 116 66 66 116 116 66 116 117 118 118 118 118 118 118 119 69 119			V				ļ				_					_	<u> </u>	<u> </u>	<u> </u>	4			<u> </u>			Ŀ				_	L
12		10	V					\sqcup		_	_			Ш	┸	4_	Ш		\sqcup	∐	<u> </u>								_	_	\vdash
13	<u> </u>			Ш	_	┙					_]			$\sqcup \!\!\!\! \perp$	\perp	1_	\sqcup	\bot	-	4	<u> </u>		<u> </u>	Щ		\sqcup		Щ	\sqcup	_	
14 15 66 115 115 115 115 115 115 115 115 115 115 116 115 116 115 116 116 117 118 119 117 117 118 118 118 118 118 118 119 120 120 120 120 121 121 121 122 123 123 123 123 123 123 124 124 124 124 124 125 125 125 125 125 125 125 126 127 127 127 127 127 127 127 127 127 128 128 128 128 128 128 128 128 128 129 130 130 131 131 131 131 131 131 133 133 133 133 133 133 133 133 133 133 133 133			<u> </u>	Ш						\perp				\sqcup	\perp	 			$\sqcup \!\!\!\! \perp$	-	<u> </u>		<u> </u>	Щ		Щ	Ш	Ш	Щ	_	\vdash
15	$oxed{oxed}$	_	<u> </u>	Ш	_	_				\dashv	_			$\sqcup \!\!\!\! \perp$	\perp	<u> </u>		4	$\sqcup \!\!\!\! \perp$	4	<u> </u>		_	Ш		Ш	Щ	Щ	Щ	_	
16			<u> </u>	Ш	_			\perp		ļ	_			$\sqcup \!\!\!\! \perp$	_	_	\perp	_	$\sqcup \bot$	4	<u> </u>		_	Ш		Щ	Ш	Ш	\sqcup		
17	igsqcut		<u> </u>	Щ	_	_	_	_		_	_			$\sqcup \!\!\! \perp$	\perp	_	-		$\vdash \vdash$	-	<u> </u>		 _	H		\vdash	Щ	Ш	\sqcup		\vdash
18 19 68 118 119 118 119 119 119 120 121 120 121 121 122 122 122 122 122 122 122 123 123 123 123 123 123 123 123 123 123 124 124 124 124 124 125 125 126 126 126 127 127 127 127 127 127 127 127 127 128 128 128 128 128 129 129 129 129 129 129 130 131 131 131 131 131 131 131 132 132 132 132 133 134 134 134 134	igsquare		_	Щ	_	_	_	_		_	_			$\sqcup \!\!\!\!\!\perp$	\perp	1_	-	+	$\vdash \vdash$	-	<u> </u>		-	H	_	_	_		$\vdash \vdash$		
19	$\sqcup \sqcup$		<u> </u>	Ш		4	_			_	_			-	+	┼	$\vdash \vdash$		\vdash	-	ļ		<u> </u>	Н		Щ				_	\vdash
20 70 120 121 120 121 121 121 121 122 121 122 122 122 123 123 123 123 123 124 124 125 126 126 126 126 126 126 126 126 126 126 126 126 127 127 127 127 127 127 127 128 129 129 129 129 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 131 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 135 135 135 135 135 135 136 136 136 136 137 137 138 138 138 139 139 139	\Box		L	Ш	_	_	_			_	_[$\sqcup \bot$	\perp	┦—	\sqcup				ļ		<u> </u>	Ш		Ш				_	\vdash
21 71 72 121 122 122 122 122 122 122 123 123 123 124 124 124 124 124 125 126 126 126 126 127 127 127 127 127 127 127 127 127 128 128 128 128 128 128 129 130 130 130 131 131 131 131 131 131 131 131 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 135 135 135 135 136 135 136 137 137 137 137 137 137 138 138 139 140 141 141 141 141 141 142 142 142 143 144 144 144 144 144 144 144 144 144 144 144<			_		_	_	ᆜ	_	\Box	4	_			Ш	\perp	↓_	\vdash	_	\vdash		<u> </u>	119	_			_			\dashv	_	
22 72 122 123 123 123 123 123 123 123 124 124 124 124 125 125 125 125 126 126 126 126 127 127 127 127 127 127 127 128 128 128 128 128 128 128 129 129 129 129 130			<u> </u>		_	_	_	_	4	_	_			-	4-	┼	-	_	\vdash	- :::			<u> </u>			\vdash	_	_			
23 73 123 24 124 124 25 75 125 26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 139 38 88 138 39 88 138 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146				Щ	4	_	_	_	_	_	_					╄	\vdash			4888	ļ	121	<u> </u>					_	\vdash		
24 74 124 125 25 75 125 126 27 77 77 127 28 78 128 129 30 80 130 130 31 81 131 131 32 82 132 132 33 83 133 133 34 84 134 134 35 85 135 136 36 86 136 136 37 87 139 139 38 88 138 139 40 90 140 141 41 91 141 141 42 92 142 142 43 93 143 144 44 94 144 144 45 95 145 146	\sqcup		_	Щ	_	4	_	_	_	_	_					┼	\vdash	<u> </u>	\vdash	4	<u> </u>		<u> </u>	Ш					\dashv	\dashv	
25 75 125 26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146			_		-	_			_	_	_				-	╂	\vdash	_	-	-	<u> </u>		<u> </u>	Н		Ш	_	_	\dashv	\dashv	\vdash
26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 94 144 44 94 144 45 95 146	<u> </u>		_	\Box	_	_	_	_	_	_	_				-	 	\vdash	_	\vdash	- :::	 	124	_	Н						\dashv	Н
27 30 77 128 128 128 128 128 128 129 129 129 129 130 130 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 135 135 135 136 136 137 137 137 137 138 138 138 138 139 140 141 141 141 142 142 142 143 143 144 144 144 144 144 145 146<				Ш		_	\dashv		_		_				_	┼	\vdash		-	- ::::			<u> </u>	Н						\dashv	\vdash
28 78 128 129 30 80 130 130 31 81 131 131 32 82 132 133 33 83 133 133 34 84 134 134 35 85 135 135 36 86 136 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 143 43 93 143 143 44 94 144 144 45 95 145 146	<u> </u>		L			\dashv	_	-	_		\dashv			-		╀	\vdash	-	⊢⊢	- ::::		126	H	Н		Н			\vdash		\vdash
29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 94 144 44 94 144 45 96 146			_	\vdash	-	\dashv	\dashv	\dashv	-		_			\vdash	+-	+	-	+	\vdash	-			-	Н		\vdash	Н	-	\vdash	\dashv	
30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 91 141 43 93 143 44 94 144 45 95 145 46 96 146			⊢	Н	-+	\dashv	\dashv	-	\dashv	-	-			\vdash		┿	\vdash		$\vdash\vdash$	-		120	-	Н		-		Н	\vdash	\dashv	\vdash
31 81 131 132 132 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 135 135 135 135 136 136 136 136 137 137 137 137 137 137 137 138 138 138 138 138 139 140 140 140 140 140 141 141 141 141 141 141 142 142 142 143 143 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 144 145 145 146			<u> </u>	\vdash	+	\dashv		-		-	\dashv			\vdash		╫	-		\vdash	-	├			Н					Н	\dashv	
32 82 132 133 33 83 133 133 34 84 134 134 35 85 135 135 36 86 136 137 37 87 137 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 142 43 93 143 143 44 94 144 144 45 95 145 146				Н	\dashv	-		-	-	-	\dashv			\vdash		- -	\dashv		\vdash	-	├		H	\vdash	_	H		\vdash	\dashv	\dashv	\dashv
33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146			<u> </u>	\vdash	+	-		\dashv	\dashv	\dashv	\dashv	$\vdash \vdash \vdash$		\vdash	+	-	$\vdash \vdash$	+	 	-	⊢		-	$\vdash \vdash$		\vdash	Н	\vdash	\dashv	\dashv	\dashv
34 84 134 134 35 85 135 135 36 86 136 137 37 87 137 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 142 43 93 143 143 44 94 144 144 45 95 145 146			├	$\vdash \vdash$	\dashv		\dashv			\dashv	-	\vdash		\vdash	+	╁	$\vdash +$	+		\dashv	<u> </u>	132	-	\vdash	_	Н	Н		\vdash	\dashv	\dashv
35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146			\vdash	\vdash	\dashv	\dashv		-	-		-			\vdash	+	+	\vdash		\vdash	$\dashv \blacksquare$	<u> </u>			$\vdash\vdash$		Н	Н	\vdash	\vdash	\dashv	\dashv
36 86 136 <td>┝─┤</td> <td></td> <td>\vdash</td> <td>$\vdash \vdash$</td> <td>\dashv</td> <td>+</td> <td>\dashv</td> <td>\dashv</td> <td>-</td> <td>\dashv</td> <td>\dashv</td> <td>\vdash</td> <td></td> <td>\vdash</td> <td>┰</td> <td>+</td> <td>$\vdash \vdash$</td> <td>+-</td> <td>\vdash</td> <td>┧Ш</td> <td></td> <td></td> <td>-</td> <td>\vdash</td> <td>_</td> <td>Н</td> <td>Н</td> <td>\vdash</td> <td>\dashv</td> <td>\dashv</td> <td>\dashv</td>	┝─┤		\vdash	$\vdash \vdash$	\dashv	+	\dashv	\dashv	-	\dashv	\dashv	\vdash		\vdash	┰	+	$\vdash \vdash$	+-	\vdash	┧Ш			-	\vdash	_	Н	Н	\vdash	\dashv	\dashv	\dashv
37 87 137 <td>┝┈┤</td> <td></td> <td>\vdash</td> <td>$\vdash \dashv$</td> <td>\dashv</td> <td>\dashv</td> <td>\dashv</td> <td>\dashv</td> <td></td> <td>-+</td> <td></td> <td></td> <td></td> <td>\vdash</td> <td>+</td> <td>+</td> <td>\vdash</td> <td>+</td> <td>\vdash</td> <td>-</td> <td>_</td> <td>136</td> <td>-</td> <td>\vdash</td> <td></td> <td>Н</td> <td>Н</td> <td>Н</td> <td>\dashv</td> <td>\dashv</td> <td>\dashv</td>	┝┈┤		\vdash	$\vdash \dashv$	\dashv	\dashv	\dashv	\dashv		-+				\vdash	+	+	\vdash	+	\vdash	-	_	136	-	\vdash		Н	Н	Н	\dashv	\dashv	\dashv
38 88 138 139 139 139 140 140 140 140 140 140 140 141 141 141 141 141 142 142 143 143 143 144 144 144 144 145 145 146 1	 		<u> </u>	\vdash	\dashv	\dashv	\dashv	\dashv	-	-	\dashv	\vdash		+	+	+	\vdash		\vdash	-	-			\vdash		Н	Н	Н	\dashv	\dashv	\dashv
39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146	 	_	H	-	\dashv	\dashv	\dashv	-		-	\dashv	-		- -	+-	+	\vdash		$\vdash \vdash$	-			\vdash	\vdash		\vdash	\vdash	\vdash	-	\dashv	\dashv
40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146	\vdash			-1	+	\dashv	-	ᅱ	-	-	-	-		-	+	+	$\vdash \vdash$	+	- -	┨Ш	_	130		\vdash		\vdash	\vdash	\vdash	\dashv	\dashv	\dashv
41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146	$\vdash \dashv$		H	\vdash	\dashv	+	-+	\dashv	\dashv	\dashv	\dashv			\vdash	+	+	\vdash		$\vdash \vdash$	۱			Н	$\vdash \vdash$	-	H	Н	H	H	\dashv	-
42 92 142 43 93 143 44 94 144 45 95 145 46 96 146	├─┤		\vdash	\vdash	\dashv	\dashv	\dashv	十	\dashv	-	\dashv			\vdash	+	+	-	+	\vdash	1			\vdash	H		H	H	\vdash	\dashv	\dashv	\dashv
43 93 143 44 94 144 45 95 145 46 96 146	 		\vdash	\vdash	\dashv	\dashv	\dashv		\dashv	+	\dashv			-	+	†	\vdash	+				142		\vdash		\vdash	Н	\dashv		\dashv	\dashv
44 94 45 95 46 96			_	\dashv	十	┪	\dashv	\dashv	\dashv	\dashv	-	-	93	\vdash	+	t^{-}	\vdash	\dashv	- -	┧Ш			Н	\vdash	_	Н	\vdash	Н	\dashv	\dashv	\dashv
45 95 145 146 146 146 146 146 146 146 146 146 146	-		-	\dashv	-	\dashv	-	\dashv	\dashv	\dashv	\dashv			\vdash	+	+	$\vdash \uparrow$	1	- -	┧Ш		144		\vdash	_	H	Н	Н	\vdash	寸	\dashv
46 96 146 146		45	-		-	┪	\dashv	寸	\dashv	\dashv			95	\vdash	+	\top	\vdash	\dashv		7		145	П			П	\neg			\dashv	\neg
			_	\dashv	_	_	\dashv	\dashv	\dashv	十	\dashv				+	T	\vdash	\top		788		146		\vdash		Н				\dashv	\neg
			\vdash	\dashv	\dashv	\dashv	寸	\dashv	7	一	-		97	\vdash	+			\top		7		147		\Box	\neg	\vdash	\Box	\neg		\neg	\dashv
48 98 148 148					十	寸	寸	\dashv	一	一	_				+	1		\top		١!!!					\neg	П	\Box		\neg	\dashv	\dashv
49 99 149 149				\neg	十	寸	寸	ヿ	一	_	-				_	T	\vdash	\top		ا!!!!		149			\neg				7	\dashv	\exists
50 100 150 150		50		\neg	\dashv	寸	寸	一	一	7	-		100		+	1	\Box	\top	\vdash	1		150	\Box		\neg				7	\dashv	\neg